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TECHNICAL NOTES

LAKE STATES FOREST EXPERIMENT STATION
U.S. DEPARTMENT OF AGRICULTURE · · FOREST SERVICE

No. 547

Commercial Forest Land in Michigan by Forest Type and County

About 64 percent of Michigan's commercial forest land is occupied by hardwoods. The two largest types, aspen and northern hardwoods, each make up about one-fourth of the area; other hardwood types such as oak, ash-elm, and cottonwood, account for about 14 percent. Softwood types make up about 20 percent. The remainder, about 16 percent of the commercial forest area, is nonstocked.

These figures and other timber resource information are the product of a cooperative forest survey made from 1946-56 by the Forest Service, U. S. Department of Agriculture, and the Michigan Department of Conservation, with participation by forest industries and other public agencies in some areas.

The determination of area by types was accomplished by the use of 40-acre sample blocks in the more heavily forested areas and dot sampling in the agricultural and industrial area. The total commercial forest area is subject to a sampling error of ± 1.5 percent (1 standard deviation). The sampling error for any one type or county would be greater. Very small figures may be considerably in error but are indicative of relative size.

(In thousands of acres)

County	: Total		Forest type 2/						: Non-
	:commercial		:White	Jack	: Other	:Northern	: Other		
	:forest land		:and red:	:pine	:conifers	:hardwoods:	Aspen	:hardwoods:	:stocked
	: area 1/	:pine 3/:	4/	5/	6/	7/	: 8/	: 9/	
Alcona	367	12	27	30	11	156	73	58	
Alger	539	19	14	73	256	96	20	61	
Allagan	125	4	6	2	18	7	74	14	
Alpena	258	7	9	41	31	100	28	42	
Antrim	203	4	4	14	105	29	5	42	
Arenac	86	1	2	3	2	49	14	15	
Baraga	539	7	20	72	302	73	1	64	
Barry	49	-	-	1	7	2	33	6	
Bay	53	*	-	-	3	18	15	17	
Benzie	144	5	5	8	49	28	10	39	
Berrien	49	*	-	*	14	2	25	8	
Branch	36	-	-	*	5	1	23	7	
Calhoun	45	-	-	1	2	-	35	7	
Cass	55	-	-	1	9	2	34	9	
Charlevoix	185	2	2	22	85	31	8	35	
Cheboygan	376	19	24	37	91	119	24	62	
Chippewa	830	36	84	159	172	232	20	127	
Clare	236	5	9	5	7	114	33	63	
Clinton	33	-	-	*	7	1	18	7	
Crawford	317	16	95	23	11	68	58	46	
Delta	642	23	35	164	130	202	18	70	
Dickinson	429	5	3	87	94	173	8	59	
Eaton	35	-	-	*	14	1	15	5	
Emmet	212	5	3	15	86	54	8	41	
Genesee	60	*	*	*	11	11	24	14	
Gladwin	162	3	5	5	5	94	29	21	
Gogebic	589	8	5	68	297	109	25	77	
Grand Traverse	173	11	16	11	31	20	24	60	
Gratiot	57	*	-	*	8	12	18	19	
Hillsdale	44	-	-	*	11	1	26	6	
Houghton	526	6	20	27	366	79	6	22	
Huron	112	1	1	1	14	44	29	22	
Ingham	38	-	-	*	6	1	23	8	
Ionia	44	*	*	*	11	2	23	8	
Iosco	236	17	54	18	3	60	58	26	

(Footnotes and continuation of table on back of sheet)

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(In thousands of acres)

County	: Total :		Forest type 2/						
	: commercial forest land:		White pine	Jack pine	Other conifers	Northern hardwoods	Aspen	Other hardwoods	
	: area 1/		: pine 3/	4/	5/	6/	7/	8/	
	: 1/	: 3/							
Iron	675	16		2	105	276	170	8	98
Isabella	106	-		-	3	7	39	23	34
Jackson	57	-		-	2	-	1	46	8
Kalamazoo	40	-		-	*	6	1	26	7
Kalkaska	297	10		30	15	57	53	28	104
Kent	97	2		*	*	18	8	57	12
Keweenaw	192	8		*	42	101	31	4	6
Lake	318	21		41	4	14	53	151	34
Lapeer	104	1		-	1	24	13	46	19
Leelanau	130	5		1	2	74	22	7	19
Lenawee	62	*		-	1	18	1	30	12
Livingston	87	-		-	2	8	4	41	32
Luce	517	25		49	144	166	51	8	74
Mackinac	589	16		13	153	121	207	12	67
Macomb	35	1		-	*	7	5	16	6
Manistee	251	13		14	8	30	45	99	42
Marquette	1,121	20		27	240	333	262	21	218
Mason	181	11		19	6	16	46	59	24
Mecosta	165	3		1	2	16	55	25	63
Menominee	512	9		4	134	114	177	20	54
Midland	184	2		5	5	6	105	28	33
Missaukee	236	11		12	9	35	79	32	58
Monroe	37	-		-	*	6	1	27	3
Montcalm	108	1		1	1	8	15	67	15
Montmorency	308	22		31	28	39	106	26	56
Muskegon	154	9		5	1	11	17	97	14
Newaygo	347	24		18	4	17	66	134	84
Oakland	104	*		*	4	18	14	50	18
Oceana	174	12		2	3	23	28	55	51
Ogemaw	272	6		28	14	15	131	49	29
Ontonagon	677	14		7	33	319	224	12	68
Osceola	196	12		6	6	32	69	24	47
Oscoda	334	19		91	13	8	85	67	51
Otsego	283	10		13	22	95	71	16	56
Ottawa	64	8		8	2	9	3	28	6
Presque Isle	319	16		17	60	30	124	23	49
Roscommon	304	16		32	23	5	111	71	46
Saginaw	110	1		-	-	10	26	46	27
St. Clair	105	1		-	*	26	15	46	17
St. Joseph	42	-		-	1	2	-	31	8
Sanilac	89	1		*	1	7	29	26	25
Schoolcraft	661	35		61	140	123	137	14	151
Shiawassee	39	-		-	-	10	2	17	10
Tuscola	122	1		*	1	19	49	34	18
Van Buren	68	-		-	*	12	6	35	15
Washtenaw	75	-		-	1	11	2	46	15
Wayne	34	-		-	*	6	1	22	5
Wexford	255	20		24	14	69	48	27	53
Total	19,121	618	1,005	2,138	4,651	4,799	2,762	3,148	

1/ Forest land which is producing or capable of producing operable crops of sawtimber, pulpwood, or products of comparable size and value within 100 years and is not withdrawn from timber utilization.

2/ Forest type is based on the predominance of the key species.

3/ Pine species predominating with red and white pine most common.

4/ Pine species predominating with jack pine most common.

5/ Other conifers includes swamp conifers (black spruce, tamarack, and cedar) and upland white spruce-balsam fir types.

6/ Sugar maple, yellow birch, and beech predominating.

7/ Aspen and paper birch predominating.

8/ Other hardwoods includes bottomland hardwood (ash and elm), oak, and cottonwood types.

9/ Lands qualifying as forest but failing to meet the specifications for sawtimber, poletimber, or restocking stands. Includes grass and brush areas.

* Less than 500 acres.